GA.643   OIPE #.4

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                                    SEQUENCE LISTING ENTERED
 2
 3    (1)    General Information:
 4
 5         (i) APPLICANT: Gruber, Christian E.
 6                       Jessee, Joel A.
 7
 8        (ii) TITLE OF INVENTION: Methods for Production and Purification
 9                 of Nucleic Acid Molecules
10
11       (iii) NUMBER OF SEQUENCES: 1
12
13        (iv) CORRESPONDENCE ADDRESS:
14             (A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
15             (B) STREET: 1100 New York Avenue, N.W., Suite 600
16             (C) CITY: Washington
17             (D) STATE: DC
18             (E) COUNTRY: USA
19             (F) ZIP: 20005
20
21         (v) COMPUTER READABLE FORM:
22             (A) MEDIUM TYPE: Floppy disk
23             (B) COMPUTER: IBM PC compatible
24             (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25             (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27        (vi) CURRENT APPLICATION DATA:
28             (A) APPLICATION NUMBER: (To be assigned)
29             (B) FILING DATE: (Herewith)
30             (C) CLASSIFICATION:
31
32       (vii) PRIOR APPLICATION DATA:
33             (A) APPLICATION NUMBER: US 60/046,219
34             (B) FILING DATE: 12-MAY-1997
35             (C) CLASSIFICATION:
36
37      (viii) ATTORNEY/AGENT INFORMATION:
38             (A) NAME: Esmond, Robert W.
39             (B) REGISTRATION NUMBER: 32,893
40             (C) REFERENCE/DOCKET NUMBER: 0942.4350000
41
42        (ix) TELECOMMUNICATION INFORMATION:
43             (A) TELEPHONE: 202-371-2600
44             (B) TELEFAX: 202-371-2540
45
46
```

--> 028

```
47    (2) INFORMATION FOR SEQ ID NO:1:
48
49        (i) SEQUENCE CHARACTERISTICS:
50            (A) LENGTH: 44 base pairs
51            (B) TYPE: nucleic acid
52            (C) STRANDEDNESS: single
53            (D) TOPOLOGY: both
54
55       (ii) MOLECULE TYPE: cDNA
56
57
58       (ix) FEATURE:
59            (A) NAME/KEY: modified_base
60            (B) LOCATION: 1
61            (D) OTHER INFORMATION: /mod_base= OTHER
62    /note= "Guanidine at position 1 is biotinylated"
63
64       (ix) FEATURE:
65            (A) NAME/KEY: modified_base
66            (B) LOCATION: 4
67            (D) OTHER INFORMATION: /mod_base= OTHER
68    /note= "Thymidine at position 4 is biotinylated"
69
70       (ix) FEATURE:
71            (A) NAME/KEY: modified_base
72            (B) LOCATION: 7
73            (D) OTHER INFORMATION: /mod_base= OTHER
74    /note= "Thymidine at position 7 is biotinylated"
75
76       (ix) FEATURE:
77            (A) NAME/KEY: modified_base
78            (B) LOCATION: 8
79            (D) OTHER INFORMATION: /mod_base= OTHER
80    /note= "Thymidine at position 8 is biotinylated"
81
82
83       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
84
85    GACTAGTTCT AGATCGCGAG CGGCCGCCCT TTTTTTTTTT TTTT          44
86
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/09/076,115*

INPUT SET: S25919.raw

Line	Error	Original Text
28	Wrong application Serial Number	(A) APPLICATION NUMBER: (To be assigned)